WEST Search History

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	L8	2000	15
	L7	callus and L6	38
	L6	agro\$ and L5	59
	L5	(transform\$ or transgen?) and 13	72
	L4	flax or linseed	15241
	L3	usitatissimum and L2	572
	L2	linum	1482
	L1	5480789.pn.	1

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 5750870 A

L9: Entry 1 of 1

File: USPT

May 12, 1998

US-PAT-NO: 5750870

DOCUMENT-IDENTIFIER: US 5750870 A

** See image for Certificate of Correction **

TITLE: Plant genetic transformation methods and transgenic plants

DATE-ISSUED: May 12, 1998

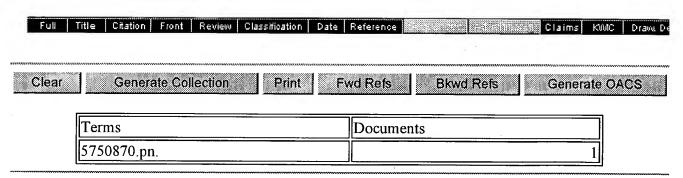
INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Mathews; Helena V. Portland OR Bestwick; Richard Keith Portland OR Ferro; Adolph J. Lake Oswego OR

US-CL-CURRENT: 800/283; 435/252.3, 435/419, 435/69.1, 800/279, 800/284, 800/294,

800/298, 800/301



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<u>Previous Page</u> <u>Next Page</u> <u>Go to Doc#</u>

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Search Results - Record(s) 1 through 10 of 15 returned.

☐ 1. Document ID: US 5981837 A

L8: Entry 1 of 15

File: USPT

Nov 9, 1999

US-PAT-NO: 5981837

DOCUMENT-IDENTIFIER: US 5981837 A

TITLE: Method for regulation of plant lignin composition

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Chapple; Clint

West Lafayette

IN

US-CL-CURRENT: 800/278; 435/410, 435/468, 435/469, 536/23.6

Full Title Citation Front Review Classification Date Reference Security Structure Claims KMC Draws Do

☐ 2. Document ID: US 5973227 A

L8: Entry 2 of 15

File: USPT

Oct 26, 1999

US-PAT-NO: 5973227

DOCUMENT-IDENTIFIER: US 5973227 A

TITLE: Flax transformation

DATE-ISSUED: October 26, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

McHughen; Alan

Corman Park

CA

Wijayanto; Teguh

Saskatoon

ca

US-CL-CURRENT: 800/293; 435/419, 435/430.1, 435/431, 435/470, 800/298

Full Title Citation Front Review Classification Date Reference (2007) Classification Draw, D.

Record List Display Page 2 of 5

☐ 3. Document ID: US 5959179 A

L8: Entry 3 of 15 File: USPT Sep 28, 1999

US-PAT-NO: 5959179

DOCUMENT-IDENTIFIER: US 5959179 A

TITLE: Method for transforming soybeans

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Wildwood Hinchee; Maud Ann Wrightson MO Clemente; Thomas Elmo Chesterfield MO Connor-Ward; Dannette Vaudrilyn St. Charles Fedele; Mary Jacqueline Ballwin МО Fry; Joyce Ellen St. Louis МО Howe; Arlene R. Ballwin MO Rozman; Renee Jean Lusby MD

US-CL-CURRENT: 800/298; 435/419, 435/468, 800/278

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	KWIC	Draw, De
						***************************************			 ······		·······
	4. D	ocume	nt ID:	US 59	58745 A						
L8: E	Entry .	4 of 1	.5			F	ile: US	PT	Sep	28,	1999

US-PAT-NO: 5958745

DOCUMENT-IDENTIFIER: US 5958745 A

TITLE: Methods of optimizing substrate pools and biosynthesis of poly-.beta.-hydroxybutyrate-co-poly-.beta.-hydroxyvalerate in bacteria and plants

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Gruys; Kenneth James Chesterfield MO Mitsky; Timothy Albert Maryland Heights MO Kishore; Ganesh Murthy Chesterfield MO Slater; Steven Charles Chesterfield MO Padgette; Stephen Rogers Grover MO Stark; David Martin Chesterfield MO

US-CL-CURRENT: 435/183; 424/139.1, 435/69.1, 530/350

☐ 5. Document ID: US 5955650 A

L8: Entry 5 of 15

File: USPT

Sep 21, 1999

Sep 14, 1999

US-PAT-NO: 5955650

DOCUMENT-IDENTIFIER: US 5955650 A

TITLE: Nucleotide sequences of canola and soybean palmitoyl-ACP thioesterase genes and their use in the regulation of fatty acid content of the oils of soybean and canola plants

DATE-ISSUED: September 21, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hitz; William Dean Wilmington DE

US-CL-CURRENT: 800/281; 435/320.1, 435/412, 435/415, 435/416, 435/419, 435/468, 435/469, 435/470, 536/23.2, 536/23.6

Full	Title	Citation Front	Review	Classification	Date	Reference	Claims	KWC	Dravu De
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File: USPT

US-PAT-NO: 5952544

L8: Entry 6 of 15

DOCUMENT-IDENTIFIER: US 5952544 A

** See image for Certificate of Correction **

TITLE: Fatty acid desaturase genes from plants

DATE-ISSUED: September 14, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Browse; John Palouse WA Grau; Luis Perez Davis CA Kinney; Anthony J. Wilmington DE Pierce, Jr.; John W. Wilmington DE Wierzbicki; Anna M. Wilmington DE Yadav; Narendra S. Chadds Ford PA

US-CL-CURRENT: 800/295; 435/320.1, 435/419, 435/468, 435/69.1, 536/23.6, 800/281

Full Title	: Citation F	ront Review	Classification	Date	Reference		Claims	KWIC	Drawu De
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□ 7.	Document	ID: US 59	48682 A						
L8: Entr	y 7 of 15				File: U	SPT	Sep	7,	1999

Record List Display Page 4 of 5

US-PAT-NO: 5948682

DOCUMENT-IDENTIFIER: US 5948682 A

TITLE: Preparation of heterologous proteins on oil bodies

DATE-ISSUED: September 7, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Moloney; Maurice M. Calgary CA

US-CL-CURRENT: 435/483; 435/183, 435/214, 435/219, 435/254.2, 435/254.21, 435/320.1, 435/477, 435/69.1, 435/69.2, 435/69.4, 435/69.52, 435/69.6, 435/69.7, 435/69.8, 435/70.1, 435/71.1, 536/23.2, 536/23.4, 536/23.52, 536/23.6, 536/24.1

Full	Title	Citation Front Review Classification Date Reference Strations Continued Claims KWIC Draw, De
	8.	Document ID: US 5942660 A

L8: Entry 8 of 15 File: USPT Aug 24, 1999

US-PAT-NO: 5942660

DOCUMENT-IDENTIFIER: US 5942660 A

TITLE: Methods of optimizing substrate pools and biosynthesis of poly-.beta.-

hydroxybutyrate-co-poly-.beta.-hydroxyvalerate in bacteria and plants

DATE-ISSUED: August 24, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Gruys; Kenneth James Chesterfield MO Mitsky; Timothy Albert Maryland Heights MO Kishore; Ganesh Murthy Chesterfield MO Slater; Steven Charles Chesterfield MO Padgette; Stephen Rogers Grover MO Stark; David Martin Chesterfield MO

US-CL-CURRENT: 800/298; 435/268, 435/419, 536/23.2, 536/23.7, 800/281

Full	Title	Citation	Front	Review	Classification	Date	Referen	ce .		Claims	KWIC	Draw, De
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	9. I	Docume	nt ID:	US 58	82851 A							
L8: E	ntry	9 of 1	.5			. 1	File:	USPT		Mar	16,	1999

US-PAT-NO: 5882851

DOCUMENT-IDENTIFIER: US 5882851 A

TITLE: Cytochrome P-450 monooxygenases

DATE-ISSUED: March 16, 1999

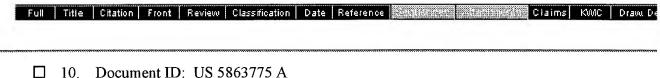
INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY NAME CITY

Koch; Birgit Maria Vanl.o slashed.se DK DK Sibbesen; Ole Roskilde Halkier; Barbara Ann DK Copenhagen V Lindberg M.o slashed.ller; Br.o slashed.nsh.o

slashed.j Birger

US-CL-CURRENT: 435/4; 435/25, 435/7.1, 536/22.1



DK

L8: Entry 10 of 15 File: USPT Jan 26, 1999

US-PAT-NO: 5863775

DOCUMENT-IDENTIFIER: US 5863775 A

TITLE: Control of parasites

DATE-ISSUED: January 26, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Atkinson; Howard John Leeds GB3 Koritsas; Vas Michael GB3 Leeds Lee; Donald Lewis Leeds GB3 MacGregor; Andrew Neilson Canterbury GB3 Smith; Judith Elizabeth Leeds GB3

US-CL-CURRENT: $\underline{424}/\underline{94.1}$; $\underline{435}/\underline{410}$, $\underline{435}/\underline{412}$, $\underline{435}/\underline{468}$, $\underline{435}/\underline{69.1}$, $\underline{435}/\underline{69.2}$, $\underline{514}/\underline{2}$

Full	Title Citatio	on Front	Review	Classification	Date	Reference			Claims	KWIC	Draw
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Clear	Gen Terms	erate Co	lection	Print	F	wd Refs	Bkw Documer		Gener	ate OA	\CS

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L8: Entry 2 of 15

File: USPT

STATE ZIP CODE

Oct 26, 1999

COUNTRY

CA

CA

US-PAT-NO: 5973227

DOCUMENT-IDENTIFIER: US 5973227 A

TITLE: Flax transformation

DATE-ISSUED: October 26, 1999

INVENTOR-INFORMATION:

NAME CITY

McHughen; Alan Corman Park

Wijayanto; Teguh Saskatoon

US-CL-CURRENT: 800/293; 435/419, 435/430.1, 435/431, 435/470, 800/298

CLAIMS:

What is claimed is:

1. A method for producing a transgenic flax plant, comprising:

preculturing a flax hypocotyl tissue comprising epidermal tissue on a regeneration induction medium;

bombarding the precultured flax hypocotyl tissue with a microprojectile that comprises a nucleic acid, thereby producing a <u>transformed</u> flax hypocotyl comprising <u>transformed</u> flax cells that comprise the nucleic acid; and

regenerating a transgenic flax plant from the <u>transformed</u> flax hypocotyl tissue.

- 2. The method of claim 1 wherein the hypocotyl is precultured for about 4 days.
- 3. The method of claim 1 further comprising bombarding the flax hypocotyl in a vacuum chamber having a chamber vacuum pressure of at least 26 inches Hg.
- 4. The method of producing a transgenic flax plant according to claim 1 wherein bombarding the hypocotyl is performed with an acceleration pressure of between 650 and 900 psi.
- 5. A method of producing a transgenic flax plant comprising:

preculturing a flax hypocotyl comprising epidermal tissue for about 4 days on a regeneration induction medium;

bombarding the precultured flax hypocotyl with a microprojectile at an acceleration pressure of

between 650 and 900 psi, wherein the microprojectile comprises a nucleic acid and the bombardment is performed in a vacuum chamber under at least 26 inches Hg chamber vacuum, thereby producing a <u>transformed</u> flax hypocotyl comprising <u>transformed</u> flax cells that comprise the nucleic acid; and

regenerating a transgenic flax plant from the transformed flax hypocotyl.

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         JAN 27 A new search aid, the Company Name Thesaurus, available in
                CA/CAplus
NEWS 5 FEB 05 German (DE) application and patent publication number format
                changes
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NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 No connect hour charges in WPIFV until May 1, 2004
NEWS 12 MAR 29
                New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 13 APR 26
                PROMT: New display field available
NEWS 14 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field
                available
NEWS 15 APR 26
                LITALERT now available on STN
NEWS 16 APR 27 NLDB: New search and display fields available
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
             MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
             AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
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=> s linum

L1 11483 LINUM

=> s linum usitatissimum

9316 LINUM USITATISSIMUM

=> s flax or linseed

L3 47684 FLAX OR LINSEED

=> s transgen? and 12

172 TRANSGEN? AND L2

=> s transgen? and 13

393 TRANSGEN? AND L3

=> s callus and 15

45 CALLUS AND L5

=> s callus and 14

26 CALLUS AND L4

=> s callus and l1

218 CALLUS AND L1

=> s agrobacteri? and 16

30 AGROBACTERI? AND L6

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     2003:306277 CAPLUS
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     Antisense transgenesis of Linum usitatissimum with a pectin
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     Lacoux, Jerome; Klein, Dominique; Domon, Jean-Marc; Burel, Carole;
ΑU
     Lamblin, Frederic; Alexandre, Fabienne; Sihachakr, Darasinh; Roger, David;
     Balange, Alain-Pierre; David, Alain; Morvan, Claudine; Laine, Eric
CS
     Faculte des Sciences, Laboratoire de Biotechnologies et Physiologie
     Vegetales, Universite de Picardie Jules Verne, Amiens, 80039, Fr.
SO
     Plant Physiology and Biochemistry (Paris, France) (2003), 41(3), 241-249
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PB
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DТ
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L10
     2002:977962 CAPLUS
ΑN
DN
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ΤI
     Improved efficiency of regeneration of transgenic plants using
     meristematic or nodal tissue transformed with Agrobacterium
IN
     Goldman, Stephen L.; Rudrabhatla, Sairam V.
PA
     University of Toledo, USA
     PCT Int. Appl., 84 pp.
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    ANSWER 3 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN
T.10
     2002:220636 CAPLUS
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     136:260137
DN
     Fusion products of \delta-endotoxins CryET33, CryET34, tIC100 or tIC101
TΤ
     of Bacillus thuringiensis for improved resistance to boll weevil in cotton
     and transgenic plants
IN
     Gouzov, Victor M.; Malvar, Thomas M.; Roberts, James K.; Sivasupramaniam,
    Sakuntala
PA
    Monsanto Technology, L.L.C., USA
     PCT Int. Appl., 142 pp.
SO
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CODEN: PIXXD2
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LΑ
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ΑN
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TI
     Increasing the injured area on hypocotyl explants of flax (Linum
     usitatissimum L.) leads to high frequency callus-based shoot
     regeneration
ΑU
     Yldz, M.; Er, C.
CS
     Department of Field Crops, A.U. Faculty of Agriculture, 06110 Ankara,
     Turkey.
     Turkish Journal of Biology, (2002) Vol. 26, No. 2, pp. 95-98. 11 ref.
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     Isolation of a flax pectin methylesterase promoter and its
     expression in transgenic tobacco
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     Roger, D.; Lacoux, J.; Lamblin, F.; Gaillet, D.; Dauchel, H.; Klein, D.;
     Balange, A. P.; David, A.; Laine, E.
CS
     Laboratoire de Biotechnologie et Physiologie Vegetales, UFR Sciences, 33
     rue Saint-Leu, 80039 Amiens Cedex, France.
SO
     Plant Science, (2001) Vol. 160, No. 4, pp. 713-721. 35 ref.
     Publisher: Elsevier Science Ltd. Oxford
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traits using a single transformation event and for production of
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     Aquin, Stephanie; Peoples, Oliver P.; Snell, Kristi D.
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    WO 2000-US17197
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     In planta method for the production of transgenic plants using a
     needleless-hypodermic injection device for delivery of the transforming
     agent to floral tissues
IN
    Trolinder, Norma L.; Koonce, Linda
    Cotton Incorporated, USA
PA
SO
    PCT Int. Appl., 34 pp.
    CODEN: PIXXD2
DT
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LΑ
    English
FAN.CNT 1
    PATENT NO.
                     KIND DATE
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                    A1 19990429
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        W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
            DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE,
            KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
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                      AA
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                      A1
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    AU 752717
                      В2
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    ZA 9809517
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    EP 1025247
                                        EP 1998-952283
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                     A1
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Multi-gene expression constructs for engineering plants with stacked input

TI

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              THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
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     124:221992
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     Selection of transgenic flax plants is facilitated by
ΤI
     spectinomycin
     Bretagne-Sagnard, Berenice; Chupeau, Yves
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CS
     Lab. Biol. Cell., INRA, Versailles, 78026, Fr.
     Transgenic Research (1996), 5(2), 131-7
SO
     CODEN: TRSEES; ISSN: 0962-8819
PB
     Chapman & Hall
DT
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     English
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     1995:13477 CAPLUS
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     High efficiency Agrobacterium-mediated gene transfer to
TT.
     Mlynarova, Ludmila; Bauer, Miroslav; Nap, Jan Peter; Pretova, Anna
ΑU
     Inst. Plant Genet., Slovak Acad. Sci., Nitra, 95007, Slovakia
CS
     Plant Cell Reports (1994), 13(5), 282-5
SO
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     IND20363314
     Behaviour of modified Ac elements in flax callus and
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     regenerated plants.
     Finnegan, E.J.; Lawrence, G.J.; Dennis, E.S.; Ellis, J.G.
AU
     DNAL (QK710.P62)
ΑV
     Plant molecular biology, July 1993. Vol. 22, No. 4. p. 625-633
SO
     Publisher: Dordrecht: Kluwer Academic Publishers.
     CODEN: PMBIDB; ISSN: 0167-4412
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     Non-U.S. Imprint other than FAO
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     1992:528377 CAPLUS
     117:128377
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     Glyphosate-tolerant plants carrying a gene for a microbial glyphosate
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     oxidoreductase
     Kishore, Ganesh Murthy; Barry, Gerard Francis
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     Monsanto Co., USA
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     PCT Int. Appl., 143 pp.
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	AU	6551	.97		В	2 199	41208								
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- AN 93:5436 AGRICOLA
- DN IND92075159
- TI Developing a transposon tagging system to isolate rust-resistance genes for flax.
- AU Ellis, J.G.; Finnegan, E.J.; Lawrence, G.J.
- CS CSIRO, Camberra, Australia
- AV DNAL (442.8 Z8)
- SO Theoretical and applied genetics, Oct 1992. Vol. 85, No. 1. p. 46-54 Publisher: Berlin, W. Ger.: Springer International. CODEN: THAGA6; ISSN: 0040-5752
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- DT Article
- FS Non-U.S. Imprint other than FAO
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- AN 91:25768 AGRICOLA
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- TI Excision of the maize transposable element Ac in flax callus.
- AU Roberts, M.R.; Kumar, A.; Scott, R.; Draper, J.
- CS University of Leicester, Leicester, UK
- AV DNAL (QK725.P54)
- SO Plant cell reports, 1990. Vol. 9, No. 7. p. 406-409 ill Publisher: Berlin, W. Ger.: Springer International. CODEN: PCRPD8; ISSN: 0721-7714

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    112:2029
    Inducible virus resistance in plants
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    Hohn, Thomas; Bonneville, Jean Marc; Fuetterer, Johannes; Gordon, Karl;
IN
    Sanfacon, Helene
    Ciba-Geigy A.-G., Switz.
PA
SO
    Eur. Pat. Appl., 24 pp.
    CODEN: EPXXDW
DT
    Patent
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    German
FAN.CNT 1
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    PATENT NO.
                   KIND DATE
                                        _____
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                    A2 19890111
                                        EP 1988-810452 19880701
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                    A3 19901219
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    JP 01037294
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L10 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 6
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    112:71570
    Agrobacterium mediated transfer of chlorsulfuron resistance to
TI
    commercial flax cultivars
    McHughen, Alan
ΑU
CS
    Crop Dev. Cent., Univ. Saskatchewan, Saskatoon, SK, S7N 0W0, Can.
SO
    Plant Cell Reports (1989), 8(8), 445-9
    CODEN: PCRPD8; ISSN: 0721-7714
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    109:123531
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    Transformed callus does not necessarily regenerate transformed
     Jordan, Mark C.; McHughen, Alan
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    Crop Dev. Cent., Univ. Saskatchewan, Saskatoon, SK, S7N 0W0, Can.
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    Plant Cell Reports (1988), 7(4), 285-7
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    English
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- TI Glyphosate-tolerant **flax** plants from **Agrobacterium** -mediated gene transfer
- AU Jordan, Mark C.; McHughen, Alan
- CS Crop Dev. Cent., Univ. Saskatchewan, Saskatoon, SK, S7N 0W0, Can.
- SO Plant Cell Reports (1988), 7(4), 281-4 CODEN: PCRPD8; ISSN: 0721-7714
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